

## RESIN COMPOSITION

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**Applicant:** TEIJIN CHEMICALS LTD

**Classification:**

- international: **C08K7/02; C08K7/00; C08L69/00; C08K7/00; C08L69/00; (IPC1-7): C08L69/00; C08K7/02; C08L67/04; C08L69/00; C08L101/06**

- European:

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### Abstract of JP7242808

**PURPOSE:**To obtain a resin composition capable of forming a molded article excellent in rigidity and mechanical property and having glossiness and excellent appearance of its surface by compounding an aromatic polycarbonate resin and a fibrous filler with a hydroxy group-containing polymer and a polylactone. **CONSTITUTION:**This resin composition is obtained by compounding 100 pts.wt. of a resin composition comprising (A) 50-99.9wt.% of an aromatic polycarbonate resin and (B) 0.1-50wt.% of a filler containing  $\geq 20$ wt.% of a fibrous filler having shapes of  $L/Dg \geq 3$  with (C) 0.05-30 pts.wt. of a hydroxyl group-containing polymer and (D) 0.05-30 pts.wt. of a polylactone. The component A preferably has a viscosity average molecular weight of 15000-60000. The fibrous filler is preferably a glass fiber or a carbon fiber. The component C can be selected from a (co)polymer originally having OH-group in its main chain of e.g. a polyvinyl alcohol and a graft copolymer obtained by grafting functional OH-groups. A polymer comprising an aliphatic or aromatic diol and an epihalohydrin is preferable and a phenoxy resin and/or an epoxy resin is especially preferable.

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